

## Chesapeake Bay Detachment (CBD)



Chesapeake Bay Detachment field site

**FUNCTION:** Operates and maintains a unique land, sea, and air facility for NRL research. It has a variety of plant facilities and specialized equipment to support NRL and tenant research and development projects.

**INSTRUMENTATION:** The principal investigator is responsible for all instrumentation and test equipment.

**DESCRIPTION:** The main site at Randle Cliff (Chesapeake Beach), MD, covers 157.4 acres contiguous to the Chesapeake Bay with a 0.75-mile waterfront. It is located in a relatively clear area away from congestion and industrial interference. In addition to six moderate-size laboratory buildings, there are several new structures. The facility maintains towers for antenna support and a ship motion simulator for dynamic testing of components. Off-site facilities include a 2-acre site with a 75-ft tower located 10 nmi east at Tilghman Island, MD, and small-craft berthing located in the town of Chesapeake Beach, 2 nmi north of the main site. A test control center for air and sea operations is available to researchers who use the NRL/CBD test range. The test range is a restricted zone directly east of the main site and extends across the bay.

Research watercraft include a 74-ft LCM-8, a 65-ft Adams support craft, a 36-ft LCPL, and a 22-ft Boston Whaler. These are used primarily in support of research projects and secondarily as transport to Tilghman Island.

### **CONTACT:**

T. Downing • Code 3522 • (410) 257-4002

### **LOCATION:**

Chesapeake Bay Detachment • Chesapeake Beach, MD